



June 12, 2001

Attorney Docket No.: JHU1320-4
Parent Serial No.: 09/145,060
Parent Filing Date: September 1, 1998

Box Patent Application
Commissioner for Patents
Washington, DC 20231

Presented for filing is a new continuation patent application of:


APPLICANTS: SE-JIN LEE and THANH HUYNH

TITLE: GROWTH DIFFERENTIATION FACTOR-5

Under 35 USC § 120, this application claims the benefit of prior U.S. Application Serial No. 09/145,060, filed September 1, 1998, issuing June 12, 2001 as U.S. Patent No. 6,245,896; which is a divisional application of U.S. Application Serial No. 08/455,559, filed May 31, 1995, issued September 1, 1998 as U.S. Patent No. 5,801,014; which is a continuation-in-part application of PCT/US94/00657, filed January 12, 1994; which is a continuation-in-part of U.S. Application No. 08/003,144, filed January 12, 1993, now abandoned; all of the disclosures of which are incorporated herein by reference in their entirety.

Preliminarily, amend the specification by deleting the text of the first paragraph on page 1, entitled "GROWTH DIFFERENTIATION FACTOR-5," and replacing with:

-- This application is a continuation application of prior U.S. Application Serial No. 09/145,060, filed September 1, 1998, issued June 12, 2001 as U.S. Patent No. 6,245,896; which is a divisional application of U.S. Application Serial No. 08/455,559, filed May 31, 1995, issued September 1, 1998 as U.S. Patent No. 5,801,014; which is a continuation-in-part application of

"EXPRESS MAIL" Mailing Label Number: EL476995657US
Deposit June 12, 2001
I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231

Margaret J. Pierce

Gray Cary Ware & Freidenrich LLP
Box PATENT APPLICATION
Filed: June 12, 2001
Page Two

Attorney Docket No.: JHU1320-4
In Re Application of: Lee and Huynh

PCT/US94/00657, filed January 12, 1994; which is a continuation-in-part of U.S. Application No. 08/003,144, filed January 12, 1993, now abandoned; all of the disclosures of which are incorporated herein by reference in their entirety.—

Enclosed are the following papers, including all those required for a filing date under 37 CFR § 1.53(b):

Pages of Specification	30
Pages of Claims	1
Pages of Abstract	1
Pages of Drawings (informal)	11

Enclosures:

Paper copy of sequence listing (19 pages)
Permission to Use (2 pages)
Information Disclosure Statement (2 pages)
PTO Form-1449 (1 page)
Return postcard.

The filing fee is calculated as follows. Small entity status is declared.

Basic filing fee	\$	0.00
Total claims in excess of 20 times \$_____	\$	
Independent claims in excess of 3 times \$_____	\$	
Multiple dependent claims	\$	
Total filing fee:	\$	0.00

Please defer the payment of the filing fee until the filing of the Declaration. Please charge any other required fees, **EXCEPT FOR THE FILING FEE**, or credit any overpayments, to Deposit Account 50-1355, referencing the Attorney Docket number shown above. A copy of this transmittal letter is attached.

If this application is found to be INCOMPLETE, or if it appears that a telephone conference would helpfully advance prosecution, please telephone the undersigned at (858) 677-1456.

Gray Cary Ware & Freidenrich LLP
Box PATENT APPLICATION
Filed: June 12, 2001
Page Three

Attorney Docket No.: JHU1320-4
In Re Application of: Lee and Huynh

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Respectfully submitted,

Date:

6/12/01

Lisa A. Haile

Lisa A. Haile, Ph.D

Registration No. 38,347

GRAY CARY WARE & FREIDENRICH LLP
USPTO Customer Number 28213
4365 Executive Drive, Suite 1600
San Diego, California 92121-2189
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Lee and Huynh	Art Unit:	Unassigned
Parent Serial No.:	09/145,060	Examiner:	Unassigned
Parent Filing Date:	September 1, 1998		
Serial No.:			
Filed:	June 12, 2001		
Title:	GROWTH DIFFERENTIATION FACTOR-5		


Commissioner for Patents
Washington, D.C. 20231

PERMISSION TO USE SEQUENCE LISTING

Sir:

The above-identified patent application lacks a substitute paper copy of the Sequence Listing for inclusion into the Specification, as well as a computer readable form of the Sequence Listing. Applicants respectfully direct the attention of the Office to the following:

1. A complete paper copy of the Sequence Listing is included in the Specification and is identical to the computer readable copy of the Sequence Listing filed in U.S. Patent Application No. 09/145,060 (the "'060 application"), filed September 1, 1998.
2. A computer-readable form in this application is identical with that filed in the "'060 application, filed September 1, 1998. Pursuant to 37 CFR §1.821(e), please use the last-filed computer readable form filed in the "'060 application as the computer readable form for this application. It is understood that the Patent and Trademark Office will make the necessary

"EXPRESS MAIL" Mailing Label Number: **EL476995657US**
Deposit **June 12, 2001**
I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Margaret J. Pierce

change in application number and filing date for the computer readable form that will be used for this application.

I hereby state, as required by 37 C.F.R. § 1.821 (g), that the enclosed submission includes no new matter. Applicants submit that the foregoing satisfies the requirements of Rule §1.821. If there are any questions regarding this response, the Office is invited to contact the undersigned.

It is understood that this perfects the application and no additional papers or filing fees are required. If there are any other charges, or any credits, please apply them to Deposit Account 50-1355.

Respectfully submitted,

Dated: 6/12/01



Lisa A. Haile, Ph.D.
Registration No. 38,347
Telephone: 858-677-1456
Facsimile: 858-677-1465

GRAY CARY WARE & FREIDENRICH LLP
USPTO Customer Number 28213
4365 Executive Drive, Suite 1600
San Diego, CA 92121-2189